01	PE
NOV .	2 1 2003
FEE	A STANKE
CAL	RADEMARK

Sheet 1 of 1

EXAMINER 1 PA 2010-241055 (with abstract) 2 PA 1-196210 (with abstract) 2 PA 1-196210 (with abstract) 3 JP A 6-1-196210 (with abstract) 3 JP A 2-1196210 (with abstract) 4 JP A 2-11962 (with abstract) 5 JEAN 1 JP A 2-11962 (with abstract) 6 JEAN 1 JP A 2-11962 (with abstract) 7 JEAN 2 JP A 1-1962 (with abstract) 8 JEAN 1 JP A 2-11962 (with abstract) 9 JEAN 2 JP A 1-1962 (with abstract) 9 JEAN 3 JP A 1-1962 (with abstract) 9 JE	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PANE	MAT .			T					
(Use several sheets if necessary) PAPLICANTS Junji OKADA et al. FE.NG DATE Cocober 30, 2003 2 69 3 U.S. PATENT DOCUMENTS EXAMINER NITIAL DOCUMENT NUMBER DATE POREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS POREIGN PATENT DOCUMENTS POREIGN PATENT DOCUMENTS PAPL 1 PP A 2000-241655 (with abstract) DATE DOCUMENT NUMBER DATE COUNTRY CLASS SUB SUB CLASS PAPL 1 PP A 2000-241655 (with abstract) DOCUMENT NUMBER DATE COUNTRY CLASS CLASS PAPL 2 JP A 10-123350 (with abstract) DOCUMENTS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) DATE CONSIDERED 5/12/16/2 EXAMINER PARL 1 INITIAL Including Author, Title, Date, Pertinent Pages, etc.) DATE CONSIDERED 5/12/16/2 EXAMINER PARL 1 INITIAL Including Author, Title, Date, Pertinent Pages, etc.)						1					
EXAMINER 1 JP A 2000-241655 (with abstract) 1 JP A 201-196210 (with abstract) 2 JP A 10-123350 (with abstract) 2 JP A 2-11042 (with abstract) 3 JP A 2-11042 (with abstract) 3 JP A 2-11042 (with abstract) 4 JP A 2-11042 (with abstract) 5 JE ALSS 1 JP A 2-11042 (with abstract) 2 JE ALSS 3 JP A 2-11042 (with abstract) 4 JP A 2-11042 (with abstract) 4 JP A 2-11042 (with abstract) 4 JE ALSS 2 JE ALSS 3 JE ALSS 4 JE ALSS 5 J	INFORMATION DISCLOSURE STATEMENT										
EXAMINER DOCUMENT NUMBER DATE NAME CLASS CLASS FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS PAT 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan PAT 2 JP A 10-123350 (with abstract) 09/08/2000 Japan PAT 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAT 4 JP A 2-41042 (with abstract) 02/09/1990 Japan PAT 5 JP A 2-41042 (with abstract) 02/09/1990 Japan PAT 6 JP A 2-41042 (with abstract) 02/09/1990 Japan PAT 7 JP A 2-41042 (with abstract) 02/09/1990 Japan PAT 8 JP A 2-41042 (with abstract) 02/09/1990 Japan DATE CONSIDERED S/123/05 EXAMINER THE STATE OF THE STA	(Use several sheets if necessary)										
EXAMINER PATENT DOCUMENTS U.S. PATENT DOCUMENTS DATE NAME CLASS SUB CLASS SUB CLASS SUB CLASS FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS PAT 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan PAT 2 JP A 10-123350 (with abstract) 09/08/2000 Japan PAT 3 JP A 61-196210 (with abstract) 05/15/1998 Japan PAT 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Dze, Pertinent Pages, etc.) OTHER DOCUMENTS (Including Author, Title, Dze, Pertinent Pages, etc.) EXAMINER THE STATE OF	·				FILING DATE		2 88 3				
EXAMINER NITIAL DOCUMENT NUMBER DATE NAME CLASS SUB CLASS SUB CLASS SUB CLASS SUB CLASS CLASS SUB CLASS CLASC CLASS CLASC CLASS CLASC	06:000: 50, 2005										
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS							CLASS				
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS					-						
FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS CLASS											
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS PAL 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan PAN 2 JP A 10-123350 (with abstract) 05/15/1998 Japan PAN 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAN 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER DATE CONSIDERED 5/23/o5 Examiner: Initial if Utitation considered, Whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		<u> </u>			. 0						
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS PAL 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan PAN 2 JP A 10-123350 (with abstract) 05/15/1998 Japan PAN 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAN 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER DATE CONSIDERED 5/23/o5 Examiner: Initial if Utitation considered, Whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS PAL 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan PAN 2 JP A 10-123350 (with abstract) 05/15/1998 Japan PAN 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAN 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER DATE CONSIDERED 5/23/o5 Examiner: Initial if Utitation considered, Whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		<u> </u>				·····					
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS PAL 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan PAN 2 JP A 10-123350 (with abstract) 05/15/1998 Japan PAN 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAN 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER DATE CONSIDERED 5/23/o5 Examiner: Initial if Utitation considered, Whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in						· · ·					
DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS PAL 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan PAN 2 JP A 10-123350 (with abstract) 05/15/1998 Japan PAN 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAN 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER DATE CONSIDERED 5/23/o5 Examiner: Initial if Utitation considered, Whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		<u> </u>		· · · · · · · · · · · · · · · · · · ·]]				
PAL 1 JP A 2000-241655 (with abstract) 09/08/2000 Japan			FOREIG	N PATENT DO	OCUMENTS		г і				
PAR 2 JP A 10-123350 (with abstract) 05/15/1998 Japan PAR 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAR 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER PAR 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) DATE CONSIDERED 5/23/05 Examiner: Initial if Utation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in			DOCUMENT NUMBER	DATE	COUNT	ΓRY	CLASS				
PAR 3 JP A 61-196210 (with abstract) 08/30/1986 Japan PAR 4 JP A 2-41042 (with abstract) 02/09/1990 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER Initial if citation considered, Mether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	PAL	1	JP A 2000-241655 (with abstract)	09/08/2000	Japan	,					
A JP A 2-41042 (with abstract) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER DATE CONSIDERED 5/23/05 Examiner: Initial inditation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	RAI	2	JP A 10-123350 (with abstract)	05/15/1998	Japan						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER EXAMINER Initial indication considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	RAT	3	JP A 61-196210 (with abstract)	08/30/1986	Japan						
EXAMINER DATE CONSIDERED 5/23/05 Examiner: Initial in citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	PAL	4	JP A 2-41042 (with abstract)	02/09/1990	Japan			•			
EXAMINER DATE CONSIDERED 5/23/05 Examiner: Initial in citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		Ţ	OTHER DOCUMENTS (Inc	luding Author,	Title, Date, Pertinent Pag	ges, etc.)					
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		į									
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	,	-									
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in		-									
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in						 -					
Examiner: Initial in considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in											
Examiner: Initial if ditation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in	EXAMINER PLA - Les (Scho										

Date: November 21, 2003

Sheet 1 of 1 US Dept. of Commerce ATTY DOCKET NO. APPLICATION NO. PATENT & TRADEMARK OFFICE 117632 10/695,828 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) **APPLICANTS** Junji OKADA et al. FILING DATE GROUP October 30, 2003 2872 2883 U.S. PATENT DOCUMENTS **EXAMINER** SUB INITIAL **DOCUMENT NUMBER** DATE NAME **CLASS** CLASS par 1 5,117,472 5/26/1992 BLYLER, Jr., et al. FOREIGN PATENT DOCUMENTS SUB DOCUMENT NUMBER DATE COUNTRY **CLASS** CLASS JP A 57-56814 w/ Abstract 4/5/1982 Japan 3 EP 0 013 972 A1 8/6/1980 Еигоре 4 JP A 59-91411 w/ Abstract 5/26/1984 Japan JP A 2000-241655 w/ Abstract .9/8/2000 Japan OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) EXAMINER, DATE CONSIDERED 5/23/05 Initial If citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Date: June 3, 2004

Examiner: